Abstract:

Floating-caliper Disc Brake

The invention relates to a floating-caliper disc brake (1, 41, 51) of a motor vehicle including a brake holder (2, 42) firmly attached to the vehicle and a floating caliper (5, 50) that is mounted on the brake holder (2, 42) so as to be axially displaceable. In this arrangement, the floating caliper (5, 50) is displaceably mounted on the brake holder (2, 42), preferably by means of at least one pin guide (8).

A radial fixation of the floating caliper (5, 50) on the brake holder (2, 42) is carried out by a locking element (13, 23, 33, 34, 43, 53) that is detachably secured to the floating caliper (5, 50) and with a portion (15, 20, 25, 30, 45, 55) is axially displaceably arranged on the brake holder (2, 3, 4, 40, 42). To improve ease of displacement of the floating caliper (5, 50) and to prevent undesirable radial movements of the floating caliper (5, 50), the locking element (13, 23, 33, 34, 43, 53) is secured to the floating caliper (5, 50) so as to be adjustable in its radial position. As a result, it is possible to adjust a defined radial clearance between the floating caliper (5, 50) and the brake holder (2, 42).

(Figure 1b)